

Integrating Educational Technology into Teaching

Technology Integration Workshop

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Defining Educational Technology

Educational Technologies have been present since the beginning of the one room school house. From the chalkboard to the computer, teachers have strived to remain current with technology, which is no easy task!



Tip model Chapter 1 Scenario 1

PERSPECTIVES ON EDUCATIONAL TECHNOLOGY

Paradigm School District wants to apply for a federal grant but must have a district-wide technology plan in place. A committee is formed to develop this plan. At the first meeting nothing has been decided after two hours of arguing due to differing perspectives.



Four distinct perspectives are represented when Educational Technology is discussed.

1. Media and Audiovisual communication

- Based on using technological media to deliver the message.
- Uses messages to control the learning process that takes place.
- Treats computers as just another way to broadcast.



2. Instructional Systems and Instructional Design

- Programmed instruction with emphasis on efficiency.
- Improving productivity and competency through uniform training procedures.
- In the 90's, this perspective was viewed as being too regimental.



3. Vocational Training

- Designed to prepare students for the work force.
- Tended to be geared towards non-academic students.
- Originally focused on Industrial Arts programs.
- Today, includes robotics, CAD, desktop publishing...



4. Computer Systems

- Since the fifties, computers began transforming business and educational instruction.
- Computer systems were controlled until the 70's by programmers and system analysts.
- Today, computers include a compilation of many technologies.



Potential causes for disagreement

- Their personal background will influence their train of thought.
- While each person's views have some merit, they are being narrow minded toward the ultimate goal of securing a federal grant.
- Educational experience and or age...are they crusty in their thoughts?

Final Perspective

We felt all committee members brought valid points to the table. They now need to work together as a committee to include the priorities of the Paradigm School District. All students must be comfortable using technology to enhance learning as well as being prepared for higher education or the work force.

